

Javier Blesa

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

4,278
citations

257101

24
h-index

243296

44
g-index

47
all docs

47
docs citations

47
times ranked

6955
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative stress and Parkinson's disease. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 91.	0.9	639
2	Lewy body extracts from Parkinson disease brains trigger α -synuclein pathology and neurodegeneration in mice and monkeys. <i>Annals of Neurology</i> , 2014, 75, 351-362.	2.8	521
3	Functional organization of the basal ganglia: Therapeutic implications for Parkinson's disease. <i>Movement Disorders</i> , 2008, 23, S548-S559.	2.2	453
4	Parkinson's disease: animal models and dopaminergic cell vulnerability. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 155.	0.9	370
5	Classic and New Animal Models of Parkinson's Disease. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-10.	3.0	360
6	The basal ganglia in Parkinson's disease: Current concepts and unexplained observations. <i>Annals of Neurology</i> , 2008, 64, S30-S46.	2.8	205
7	Compensatory mechanisms in Parkinson's disease: Circuits adaptations and role in disease modification. <i>Experimental Neurology</i> , 2017, 298, 148-161.	2.0	175
8	Animal models of Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2012, 18, S183-S185.	1.1	145
9	Is Parkinson's Disease a Vesicular Dopamine Storage Disorder? Evidence from a Study in Isolated Synaptic Vesicles of Human and Nonhuman Primate Striatum. <i>Journal of Neuroscience</i> , 2014, 34, 8210-8218.	1.7	136
10	Sonic Hedgehog Maintains Cellular and Neurochemical Homeostasis in the Adult Nigrostriatal Circuit. <i>Neuron</i> , 2012, 75, 306-319.	3.8	130
11	Systemic Exosomal Delivery of shRNA Minicircles Prevents Parkinsonian Pathology. <i>Molecular Therapy</i> , 2019, 27, 2111-2122.	3.7	120
12	Identification of neurodegenerative factors using translational regulatory network analysis. <i>Nature Neuroscience</i> , 2015, 18, 1325-1333.	7.1	113
13	Advances in Parkinson's Disease: 200 Years Later. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 113.	0.9	102
14	Motor and non-motor circuit disturbances in early Parkinson disease: which happens first?. <i>Nature Reviews Neuroscience</i> , 2022, 23, 115-128.	4.9	92
15	α -Synuclein-Independent Histopathological and Motor Deficits in Mice Lacking the Endolysosomal Parkinsonism Protein Atp13a2. <i>Journal of Neuroscience</i> , 2015, 35, 5724-5742.	1.7	87
16	No Lewy pathology in monkeys with over 10 years of severe MPTP Parkinsonism. <i>Movement Disorders</i> , 2009, 24, 1519-1523.	2.2	72
17	Progression of dopaminergic depletion in a model of MPTP-induced Parkinsonism in non-human primates. An 18F-DOPA and 11C-DTBZ PET study. <i>Neurobiology of Disease</i> , 2010, 38, 456-463.	2.1	66
18	Bone-marrow-derived cell differentiation into microglia: A study in a progressive mouse model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2007, 28, 316-325.	2.1	62

#	ARTICLE	IF	CITATIONS
19	Inter-hemispheric asymmetry of nigrostriatal dopaminergic lesion: a possible compensatory mechanism in Parkinson's disease. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 92.	1.2	48
20	Reduced noradrenaline, but not dopamine and serotonin in motor thalamus of the MPTP primate: relation to severity of Parkinsonism. <i>Journal of Neurochemistry</i> , 2013, 125, 657-662.	2.1	35
21	Blood-brain barrier opening with focused ultrasound in experimental models of Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 1252-1261.	2.2	32
22	Lesion of the centromedian thalamic nucleus in MPTP-treated monkeys. <i>Movement Disorders</i> , 2008, 23, 708-715.	2.2	29
23	Focused ultrasound in Parkinson's disease: A twofold path toward disease modification. <i>Movement Disorders</i> , 2019, 34, 1262-1273.	2.2	25
24	Striatal Blood-Brain Barrier Opening in Parkinson's Disease Dementia: A Pilot Exploratory Study. <i>Movement Disorders</i> , 2022, 37, 2057-2065.	2.2	25
25	New MRI, 18F-DOPA and 11C-(+)- β -dihydrotetrabenazine templates for <i>Macaca fascicularis</i> neuroimaging: Advantages to improve PET quantification. <i>NeuroImage</i> , 2009, 47, 533-539.	2.1	24
26	Changes in Thalamic Dopamine Innervation in a Progressive Parkinson's Disease Model in Monkeys. <i>Movement Disorders</i> , 2020, 35, 419-430.	2.2	23
27	Glial activation precedes alpha-synuclein pathology in a mouse model of Parkinson's disease. <i>Neuroscience Research</i> , 2021, 170, 330-340.	1.0	23
28	Novel models for Parkinson's disease and their impact on future drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 229-239.	2.5	22
29	The use of nonhuman primate models to understand processes in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2018, 125, 325-335.	1.4	19
30	Oral subchronic exposure to the mycotoxin ochratoxin A induces key pathological features of Parkinson's disease in mice six months after the end of the treatment. <i>Food and Chemical Toxicology</i> , 2021, 152, 112164.	1.8	16
31	Molecular targets for endogenous glial cell line-derived neurotrophic factor modulation in striatal parvalbumin interneurons. <i>Brain Communications</i> , 2020, 2, fcaa105.	1.5	13
32	Serotonergic innervation of the striatum in a nonhuman primate model of Parkinson's disease. <i>Neuropharmacology</i> , 2020, 170, 107806.	2.0	12
33	Editorial: Parkinson's disease: cell vulnerability and disease progression. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 125.	0.9	11
34	Animal Models of Parkinson's Disease. , 0, , .		11
35	Neuron types in the primate striatum: Stereological analysis of projection neurons and interneurons in control and parkinsonian monkeys. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	1.8	10
36	Parkinson's disease and thalamus: facts and fancy. <i>Lancet Neurology</i> , The, 2016, 15, e2.	4.9	8

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37	Early Paradoxical Increase of Dopamine: A Neurochemical Study of Olfactory Bulb in Asymptomatic and Symptomatic MPTP Treated Monkeys. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 46.	0.9	8
38	Parkinson disease, substantia nigra vulnerability, and calbindin expression: Enlightening the darkness?. <i>Movement Disorders</i> , 2019, 34, 161-163.	2.2	7
39	Cerebral metabolic pattern associated with progressive parkinsonism in non-human primates reveals early cortical hypometabolism. <i>Neurobiology of Disease</i> , 2022, 167, 105669.	2.1	5
40	Compensatory Mechanisms in Experimental and Human Parkinsonism. <i>Handbook of Behavioral Neuroscience</i> , 2010, , 641-652.	0.7	3
41	Parkinson's Disease: "Braak" to the future. <i>Movement Disorders</i> , 2013, 28, 1209-1209.	2.2	3
42	Lack of Parkinsonian Pathology and Neurodegeneration in Mice After Long-Term Injections of a Proteasome Inhibitor in Olfactory Bulb and Amygdala. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 698979.	1.7	2
43	Vive la difference! Dissecting the diversity of midbrain dopamine neurons. <i>Movement Disorders</i> , 2016, 31, 41-41.	2.2	1
44	Parkinson's Disease-Associated Mutations Affect Mitochondrial Function. , 2016, , 139-158.		1
45	Parkinson's disease: Oh my gut!. <i>Movement Disorders</i> , 2017, 32, 396-396.	2.2	1
46	VMAT2 and Parkinson's disease: Old dog, new tricks. <i>Movement Disorders</i> , 2014, 29, 1241-1241.	2.2	0